i.k

Docket No.: 976.1001

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: ECONOMIC SUPPLY OPTIMIZATION SYSTEM the specification of which is attached hereto as Application Serial No. was filed on (if applicable). and was amended on I hereby authorize and request our attorney, Davidson, Davidson & Kappel, LLC. of 485 Seventh Avenue, New York, New York 10018 , filed to insert here in parentheses (Application number and application number of said application when known. I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information which is known to me to be material to the patentability of this application as defined in Title 37, Code of Federal Regulations, §1.56. I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign and/or provisional application(s) for patent or inventor's certificate listed below and have also identified below any foreign and/or provisional application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed. Priority claimed PRIOR APPLICATION(S) Yes No -(Day/Month/Year Filed) (Country) (Number) (Day/Month/Year Filed) (Country) (Number) I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application: (Status) (patented, pending, abandoned) (Filing Date) (Application Serial Number) (Status) (patented, pending, abandoned) (Filing Date) (Application Serial Number) As a named inventor I hereby appoint the following attorneys and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected terewith as follows: Manny W. Schecter, Registration No. 31,722, Lauren C. Bruzzone, Registration No. 35,082, Christopher A. Hughes, Registration No. 26,914, Edward A. Pennington, Registration No. 32,588, John E. Hoel, Registration No. 26,279, Joseph C. Redmond, Jr., Registration No. 18,753, Richard M. Ludwin, Registration No. 33,010, Douglas W. Cameron, Registration No. 31,596, Stephen C. Kaufman, Registration No. 29,551, Marian Underweiser, Registration No. 46,134, Wayne L. Ellenbogen, Registration No. 43,602, Robert M. Trepp, Registration No. 25,933, Louis P. Herzberg, Registration No. 41,500, Louis J. Percello, Registration No. 33,206, Paul J. Otterstedt, Registration No. 37,411, Daniel P. Morris, Registration No. 32,053, David M. Shofi, Registration No. 39,835 and Marc A. Ehrlich, Registration No. 39,966. outside counsel attorney Send correspondence to: outside counsel attorney Direct Telephone Calls to: I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full name of joint Full name of sole or first Stephen L. Abbott Inventor, if any William E. Dickey Inventor Steve Abbott Second Inventor's signature Inventor's signature Date Residence (city) Wappingers Falls , (state or country) New York Residence (city) New Canaan , (state or country) Connecticut Citizenship U.S.A. Citizenship U.S.A. Post Office Address: 193 Town View Drive, Wappinger Falls, NY Post Office Address: 377 Main Street, #2, New Canaan, CT 06840,

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StA 01-19-01

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Inventor Larry M. Leibovich	Inventor, if any Kevin P. O'Connor
Fifth Inventor's signature	Sixth Inventor's signature
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Inventor, if any Joseph V. Stehle	Inventor, if any Pitipong Veerakamolmal
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Full name of joint	Full name of joint
Inventor, if any Ronald A. Warfel	Inventor, if any
Ninth Inventor's signature	Tenth Inventor's signature
Date	Date
Residence (city) Duncannon, (state or country) Pennsylvania	Residence (city), (state or country)
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Post Office Address: 124 Barley Drive, Duncannon, PA 17020,	Post Office Address:
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U.S.A.

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I herel	by declare that:			
My residence, post office address a	and citizenship are as stated below ne	xt to my name.		
	joint inventor of the subject matter viPPLY OPTIMIZATION SYSTEM	which is claimed and for which a patent is sought on	the invention entit	tled:
the specification of which				······································
X is attached hereto		Auglication Cariel Na		
and was amended on	as	Application Serial No		
i hereby authorize and t	equest our attorney, Davidson, David	ison & Kappel, LLC. of 485 Seventh Avenue, New	YORK, NEW YORK I	0018
and application number	of said application when known.	, filed) the fill	ng date
I hereby state that I have reviewed amendment referred to above.	and understand the contents of the ab	nove identified specification, including the claims, a	s amended by any	
I acknowledge the duty to disclose Code of Federal Regulations, §1.56		e to be material to the patentability of this application	on as defined in Tit	ile 37,
inventor's certificate listed below a		de, §119 of any foreign and/or provisional applicativeign and/or provisional application for patent or inv		having
PRIOR APPLICATION(S)			Priority o	laimed
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
35, United States Code, §112, I acl	knowledge the duty to disclose mater	ted States application in the manner provided by the ial information as defined in Title 37, Code of Fedenational or PCT international filing date of this application (Status) (patented, pendication)	ral Regulations, §1 ication:	
(Application Serial Number)	(Filing Date)	(Status) (patented, pend	ling, abandoned)	-
As a named inventor I hereby apportrademark Office connected terew		ent(s) to prosecute this application and transact all b	ousiness in the Pate	nt and
Edward A. Pennington, Registration M. Ludwin, Registration No. 33,0 Underweiser, Registration No. 46, Registration No. 41,500, Louis J. I.	on No. 32,588, John E. Hoel, Registra 10, Douglas W. Cameron, Registratio 134, Wayne L. Ellenbogen, Registrati	istration No. 35,082, Christopher A. Hughes, Registion No. 26,279, Joseph C. Redmond, Jr., Registratin No. 31,596, Stephen C. Kaufman, Registration No. 10,000, No. 43,602, Robert M. Trepp, Registration No. 11 J. Otterstedt, Registration No. 37,411, Daniel P. M. Registration No. 39,966.	ion No. 18,753, Ric 5. 29,551, Marian 25,933, Louis P. He	chard erzberg
•	utside counsel attorney utside counsel attorney			
be true; and further that these state	ments were made with the knowledge on 1001 of Title 18 of the United Sta	are true and that all statements made on information e that willful false statements and the like so made a tes Code and that such willful false statements may	re punishable by fi	ine or
Full name of sole or first		Full name of joint		
Inventor Steve Abbott		Inventor, if any William E. Dickey		
Inventor's signature		Second Inventor's signature Date 2-3-2001	EN Da	7
Date Residence (city) New Canaan,	(state or country) Connecticut		intry) New York	1
Citizenship U.S.A.		Citizenship U.S.A.	nninger Follo NIV	U

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Inventor, if any William F. Holden, Jr.	Inventor, if any Yung-Joon Lee
involter, it any with the state of the state	
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Full name of joint	Full name of joint
Inventor Larry M. Leibovich	Inventor, if any Kevin P. O'Connor
inventor Larry W. Letoovich	Birottor, ir any Itorini 1: 0 Common
Fifth Inventor's signature	Sixth Inventor's signature
	Date
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55902, U.S.A.	12556, O.S.A.
T. IIEi-i-4	Full name of joint
Full name of joint	Inventor, if any Pitipong Veerakamolmal
Inventor, if any Joseph V. Stehle	inventor, if any Frapong Veerakamonnal
O dit di	Eighth Inventor's signature
Seventh Inventor's signature	
Date	Date
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Post Office Address: 312 Meadowbrook Road, Trafford, PA, 15085	Post Office Address. 41 Raulioi Road, Boston, MA 02155, U.S.A.
U.S A	
T	Tull name of joint
Full name of joint	Full name of joint
Inventor, if any Ronald A. Warfel	Inventor, if any
	Touth Inventoria gignotura
Ninth Inventor's signature	Tenth Inventor's signature
Date	Date
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Citizenship U.S.A.	Citizenship
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Post Office Address: 193 Town View Drive, Wappinger Falls, NY

Citizenship U.S.A.

**

Full name of joint	Full name of joint
Inventor, if any William F. Holdan, Ir.	Inventor, if any Yung-Joon Lee
4(// _)	
Third Inventor's signature	Fourth Inventor's signature
Date 2 - 1 - 2001	Date
Residence (city) Shell Lake, (state or country) Wisconsin	Residence (city) Cambridge, (state or country) Massachusetts
Citizenship U.S.A.	Citizenship U.S.A.
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U.S.A.	MA 02139
Full name of joint	Full name of joint
Inventor Larry M. Leibovich	Inventor, if any Kevin P. O'Connor
Fifth Inventor's signature	Sixth Inventor's signature
D-4-	Date
Residence (city) Rochester , (state or country) Minnesota	Residence (city) Hyde Park , (state or country) New York
Citizenship U.S.A.	Citizenship U.S.A.
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55902, U.S.A.	12538, U.S.A.
Luni Villa	
Full name of joint	Full name of joint
Inventor, if any Joseph V. Stehle	Inventor, if any Pitipong Veerakamolmal
Seventh Inventor's signature	Eighth Inventor's signature
Date	Date
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U.S.A.	
Full name of joint	Full name of joint
Inventor, if any Ronald A. Warfel	Inventor, if any
Ninth Inventor's signature	Tenth Inventor's signature
	Date
	Date
Residence (city) Duncannon, (state or country) Pennsylvania	Residence (city) , (state or country)
Date	Residence (city), (state or country)
Citizenship U.S.A.	Residence (city) , (state or country) Citizenship Post Office Address:
	Residence (city) , (state or country) Citizenship

Docket No.: 976.1001

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the specification of which	TILI OF HUILAHON SIST	EN	
X is attached hereto			
was filed on		as Application Serial No.	
and was amended on	equat our atternay Davidson Da	_ (if applicable). widson & Kappel, LLC. of 485 Seventh Avenue, New	
to insert here in parenth	eses (Application number	, filed	York, New York 10018
and application number	of said application when known.	, 1100	uic fining da
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PRIOR APPLICATION(S)			Priority claime
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
which occurred between the filing of (Application Serial Number)	date of the prior application and th	terial information as defined in Title 37, Code of Federa te national or PCT international filing date of this application of the contraction of t	cation:
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(xppheation serial Namoer)	(Fining Date)	(Status) (patented, pendi	ig, abandoned)
As a named inventor I hereby appoint Trademark Office connected terewing	int the following attorneys and/or th as follows:	agent(s) to prosecute this application and transact all bu	siness in the Patent and
M. Ludwin, Registration No. 33,010 Underweiser, Registration No. 46,1	n No. 32,588, John E. Hoel, Regis D, Douglas W. Cameron, Registrat 34, Wayne L. Ellenbogen, Registr Procello, Registration No. 33,206, F	egistration No. 35,082, Christopher A. Hughes, Registration No. 26,279, Joseph C. Redmond, Jr., Registration No. 31,596, Stephen C. Kaufman, Registration No. ation No. 43,602, Robert M. Trepp, Registration No. 22 aul J. Otterstedt, Registration No. 37,411, Daniel P. Mo., Registration No. 39,966.	n No. 18,753, Richard 29,551, Marian
	tside counsel attorney tside counsel attorney		
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Inventor Steve Abbott		Inventor, if any William E. Dickey	
Inventor's signature		Second Inventor's signature	
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U.S.A.		12500 H.S.A.	ingoi I allo, IN I

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Inventor, if any William F. Holden, Jr.	Inventor, if any Yung-Joon Lee
Thought Income and the state of	COL
Third Inventor's signature	Fourth Inventor's signature
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Inventor Larry M. Leibovich	Inventor, if any Kevin P. O'Connor
Fifth Inventor's signature	Sixth Inventor's signature
Date Residence (city) Rochester , (state or country) Minnesota	Date
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55902, U.S.A.	12538, U.S.A.
Full name of joint	Full name of joint
Inventor, if any Joseph V. Stehle	Inventor, if any Pitipong Veerakamolmal
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Date

Citizenship U.S.A.

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Third Inventor's signature	Fourth Inventor's signature
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Fifth Inventor's signature Jamy M Le Kovil	Sixth Inventor's signature
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	12538, U.S.A.
55902, U.S.A.	12336, O.S.A.
Full name of joint	Full name of joint
Inventor, if any Joseph V. Stehle	Inventor, if any Pitipong Veerakamolmal
inventor, if any Joseph v. Steine	inventor, it any Trapong veerakameman
Seventh Inventor's signature	Eighth Inventor's signature
	Date
Date	Residence (city) Boston, (state or country) Massachusetts
	Citizenship U.S.A.
Citizenship U.S.A. Post Office Address: 312 Meadowbrook Road, Trafford, PA, 15085	Post Office Address: 41 Radnor Road, Boston, MA 02135, U.S.A.
	Fost Office Address. 41 Radiioi Road, Boston, MA 02155, U.S.A.
U.S.A.	
Eult name of joint	Full name of joint
Full name of joint	Inventor, if any
Inventor, if any Ronald A. Warfel	inventor, if any
Ninth Inventoria giornatura	Tenth Inventor's signature
Ninth Inventor's signature	Date
Date	Residence (city) , (state or country)
	G:-!1-!-
Citizenship U.S.A.	Citizenship
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As a below named inventor, I hereby	declare that:		
My residence, post office address and	citizenship are as stated belo	ow next to my name.	
ECONOMIC SUPI	nt inventor of the subject market of the Subject market of the Subject of the sub	atter which is claimed and for which a patent is sought on TEM	the invention entitled:
the specification of which			
X is attached hereto was filed on		as Application Serial No	
and was amended on		as Application Serial No(if applicable).	
I hereby authorize and requirements	uest our attorney, Davidson, : es (Application number	Davidson & Kappel, LLC. of 485 Seventh Avenue, New filed	York, New York 10018) the filing date
and application number of	said application when knows	, filed	
I hereby state that I have reviewed an amendment referred to above.	d understand the contents of	the above identified specification, including the claims, as	amended by any
I acknowledge the duty to disclose all Code of Federal Regulations, §1.56.	information which is known	to me to be material to the patentability of this application	n as defined in Title 37,
	have also identified below as	es Code, §119 of any foreign and/or provisional application for patent or invented. The patent of invented in the patent of invented.	
PRIOR APPLICATION(S)			Priority claimed
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
35, United States Code, §112, I acknowledge	wledge the duty to disclose i	or United States application in the manner provided by the material information as defined in Title 37, Code of Federal the national or PCT international filing date of this appliance. (Status) (patented, pendi	al Regulations, §1.56(a) cation:
(Application Serial Number)	(Filing Date)	(Status) (patented, pendi	ng, abandoned)
As a named inventor I hereby appoint Trademark Office connected terewith		or agent(s) to prosecute this application and transact all b	usiness in the Patent and
Edward A. Pennington, Registration M. Ludwin, Registration No. 33,010, Underweiser, Registration No. 46,134	No. 32,588, John E. Hoel, Re Douglas W. Cameron, Regis I, Wayne L. Ellenbogen, Reg cello, Registration No. 33,20	e, Registration No. 35,082, Christopher A. Hughes, Registration No. 26,279, Joseph C. Redmond, Jr., Registratiostration No. 31,596, Stephen C. Kaufman, Registration No. istration No. 43,602, Robert M. Trepp, Registration No. 26, Paul J. Otterstedt, Registration No. 37,411, Daniel P. Melich, Registration No. 39,966.	on No. 18,753, Richard . 29,551, Marian .5,933, Louis P. Herzberg
•	ide counsel attorney ide counsel attorney		
be true; and further that these stateme	nts were made with the know 1001 of Title 18 of the Unite	edge are true and that all statements made on information vledge that willful false statements and the like so made ared States Code and that such willful false statements may	re punishable by fine or
Full name of sole or first Inventor Steve Abbott		Full name of joint Inventor, if any William E Dickey	
Inventor's signature Date		Second Inventor's signature	
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U.S.A.	, ,, -, v	12590, U.S.A.	

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Full name of joint	Full name of joint
Inventor, if any William F. Holden, Jr.	Inventor, if any Yung-Joon Lee
V	<i>;</i>
Third Inventor's signature	Fourth Inventor's signature
Date	Date
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	MA 02139
U.S.A.	MA VZ 133
m # 0: ' .	Full name of joint
Full name of joint	Inventor, if any Kevin P. Q'Connor
Inventor Larry M. Leibovich	Inventor, it any Kevin I / Day
man a second of the second of	Sixth Inventor's signature And Company Office Company (city) Hyde Park (state or country) New York
Fifth Inventor's signature	Data 62-126/1905
Date	Residence (city) Hyde Park , (state or country) New York
Residence (city) Rochester , (state or country) Minnesota	Residence (enty) Hyder and 4 (state of country)
Citizenship U.S.A.	Citizenship U.S.A.
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	-
Full name of joint	Full name of joint
Inventor, if any Joseph V. Stehle	Inventor, if any Pitipong Veerakamolmal
Seventh Inventor's signature	Eighth Inventor's signature
D. t.	Date
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U.S.A.	
T. HCi-int	Full name of joint
Full name of joint	Inventor, if any
Inventor, if any Ronald A. Warfel	Inventor, it any
	Tenth Inventor's signature
Ninth Inventor's signature	Tenth Inventor's signature
Date	Date
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U.S.A.	

U.S.A.

DECLARATION AND POWER OF ATTORNEY

r which is claimed and for which a patent is sought on M as Application Serial No. (if applicable). ridson & Kappel, LLC. of 485 Seventh Avenue, New filed above identified specification, including the claims, as	York, New York	10018
M as Application Serial No. (if applicable). ridson & Kappel, LLC. of 485 Seventh Avenue, New 1, filed	York, New York	10018
as Application Serial No. (if applicable). ridson & Kappel, LLC. of 485 Seventh Avenue, New	York, New York	
(if applicable). ridson & Kappel, LLC. of 485 Seventh Avenue, New filed	York, New York	
	amended by any	
me to be material to the patentability of this application	n as defined in T	tle 37,
oreign and/or provisional application for patent or inve		
	Priority	claimed
(Day/Month/Year Filed)	Yes	No
(Day/Month/Year Filed)	Yes	No
nited States application in the manner provided by the erial information as defined in Title 37, Code of Federa	first paragraph of al Regulations, §	Title
(Status) (patented, pendi	ng, abandoned)	,
(Status) (patented, pendi	ng, abandoned)	-
agent(s) to prosecute this application and transact all bu	isiness in the Pat	ent and
ration No. 26,279, Joseph C. Redmond, Jr., Registration No. 31,596, Stephen C. Kaufman, Registration No. ation No. 43,602, Robert M. Trepp, Registration No. 2 aul J. Otterstedt, Registration No. 37,411, Daniel P. M	on No. 18,753, Ri . 29,551, Marian 5,933, Louis P	chard Ierzberg,
ge that willful false statements and the like so made ar	e punishable by t	ine or
Full name of joint Inventor, if any <u>William E. Dickey</u>	· · · · · · · · · · · · · · · · · · ·	
Date	ntry) New York	-
	Code, §119 of any foreign and/or provisional application or or and/or provisional application or patent or involutional application for patent or involutional filed States application in the manner provided by the erial information as defined in Title 37, Code of Federal applicational or PCT international filing date of this applicational or PCT international filing date of this application of Status (patented, pendingent(s) to prosecute this application and transact all be egistration No. 35,082, Christopher A. Hughes, Registration No. 31,596, Stephen C. Kaufman, Registration No. 26,279, Joseph C. Redmond, Jr., Registration No. 31,596, Stephen C. Kaufman, Registration No. 2 and J. Otterstedt, Registration No. 37,411, Daniel P. Ma, Registration No. 39,966. The are true and that all statements made on information age that willful false statements and the like so made are trace and that such willful false statements may just a full name of joint Inventor, if any William E. Dickey Second Inventor's signature Date Residence (city) Wappingers Falls (state or court citizenship U.S.A.	me to be material to the patentability of this application as defined in Ticode, §119 of any foreign and/or provisional application(s) for patent or foreign and/or provisional application for patent or inventor's certificate defined in Ticode, §119 of any foreign and/or provisional application for patent or inventor's certificate defined in Ticode, §10 of patent or inventor's certificate defined in Ticode, §10 of patent or inventor's certificate defined in Ticode, §10 of patent or inventor's certificate defined in Ticode, §10 of patent or inventor's certificate defined in Ticode, §10 of patent or inventor's certificate defined in Ticode, §10 of patent or inventor's certificate defined in Ticode, §10 of patent or inventor's as the subject and the states application in the manner provided by the first paragraph of certain information as defined in Title 37, Code of Federal Regulations, §10 or national or PCT international filing date of this application: (Status) (patented, pending, abandoned) (Status) (pa

12590, U.S.A.



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Full name of joint	Full name of joint
inventor, if any William F. Holden, Jr.	Inventor, if any Yung-Joon Lee
Third Inventor's signature	Fourth Inventor's signature
Date	Date
Date	Date
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	Pull annua of inite
Full name of joint	Full name of joint
nventor_Larry M. Leibovich	Inventor, if any Kevin P. O'Connor
Fifth Inventor's signature	S1xth Inventor's signature
Date	Date
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Citizenship U.S.A.	Citizenship U.S.A.
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55902, U.S.A.	12538, U.S.A.
Full name of joint	Full name of joint
inventor, if any Joseph V. Stehle	Inventor, if any Pitipong Veerakamolmal
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Seventh Inventor's signature Oragh V. Stella	Eighth Inventor's signature
Date JAW it rost	Date
Residence (city) Trafford, (state or country) Pennsylvania	Residence (city) Boston, (state or country) Massachusetts
Citizenship U.S.A.	Citizenship U S.A.
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U.Ş.A.	
	Full name of joint
Full name of joint	
Inventor, if any Ronald A. Warfel	Inventor, if any
Ninth Inventor's signature	Tenth Inventor's signature
Date	Date
Residence (city) Duncannon, (state or country) Pennsylvania	Residence (city) , (state or country)
Citizenship U.S.A.	Citizenship
Post Office Address: 124 Barley Drive, Duncannon, PA 17020,	Post Office Address:

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: ECONOMIC SUPPLY OPTIMIZATION SYSTEM the specification of which is attached hereto was filed on as Application Serial No. _ and was amended on (if applicable). I hereby authorize and request our attorney, Davidson, Davidson & Kappel, LLC. of 485 Seventh Avenue, New York, New York 10018 to insert here in parentheses (Application number . filed and application number of said application when known. I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information which is known to me to be material to the patentability of this application as defined in Title 37, Code of Federal Regulations, §1.56. I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign and/or provisional application(s) for patent or inventor's certificate listed below and have also identified below any foreign and/or provisional application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed. PRIOR APPLICATION(S) Priority claimed (Day/Month/Year Filed) (Number) (Country) Yes No (Number) (Day/Month/Year Filed) Yes No (Country) I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application: (Application Serial Number) (Filing Date) (Status) (patented, pending, abandoned) (Application Serial Number) (Status) (patented, pending, abandoned) (Filing Date) As a named inventor I hereby appoint the following attorneys and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected terewith as follows: Manny W. Schecter, Registration No. 31,722, Lauren C. Bruzzone, Registration No. 35,082, Christopher A. Hughes, Registration No. 26,914, Edward A. Pennington, Registration No. 32,588, John E. Hoel, Registration No. 26,279, Joseph C. Redmond, Jr., Registration No. 18,753, Richard M. Ludwin, Registration No. 33,010, Douglas W. Cameron, Registration No. 31,596, Stephen C. Kaufman, Registration No. 29,551, Marian Underweiser, Registration No. 46,134, Wayne L. Ellenbogen, Registration No. 43,602, Robert M. Trepp, Registration No. 25,933, Louis P Herzberg, Registration No. 41,500, Louis J. Percello, Registration No. 33,206, Paul J. Otterstedt, Registration No. 37,411, Daniel P. Morris, Registration No. 32,053, David M. Shofi, Registration No. 39,835 and Marc A. Ehrlich, Registration No. 39,966. Send correspondence to: outside counsel attorney Direct Telephone Calls to: outside counsel attorney I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full name of sole or first Full name of joint Inventor Steve Abbott Inventor, if any William E. Dickey Inventor's signature Second Inventor's signature Date

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Full name of joint Inventor, if any <u>William F. Holden, Jr.</u>	Full name of joint Inventor, if any Yung-Joon Lee
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Full name of joint Inventor, if any <u>Joseph V. Stehle</u>	Full name of joint Inventor, if any Pitipong Veerakamolmal
Seventh Inventor's signature Date Residence (city) Trafford , (state or country) Pennsylvania Citizenship U.S.A. Post Office Address: 312 Meadowbrook Road, Trafford, PA, 15085 U.S.A.	Eighth Inventor's signature Pitiping Vacakam final Date 01/16 2001 Residence (city) Boston, (state or country) Massachusetts Citizenship USA THALLAND DE OTTO 2011 Post Office Address: 41 Radnor Road, Boston, MA 02135, U.S.A.
Full name of joint Inventor, if any Ronald A. Warfel	Full name of joint Inventor, if any
Ninth Inventor's signature Date Residence (city) Duncannon, (state or country) Pennsylvania Citizenship U.S.A. Post Office Address: 124 Barley Drive, Duncannon, PA 17020, U.S.A.	Tenth Inventor's signature Date Residence (city) , (state or country) Citizenship Post Office Address:

As a below named inventor, I hereby of	leclare that:			
My residence, post office address and	citizenship are as stated below n	ext to my name.		
	nt inventor of the subject matter LY OPTIMIZATION SYSTEM	which is claimed and for which a patent is sought on M	the invention ent	atled:
•				
X is attached hereto was filed on	a	s Application Serial No		
and was amended on	est our attorney Davidson Davi	is Application Serial No	Vork New York	10018
to insert here in parentheses	(Application number	, filed) the fil	ling date
and application number of	said application when known.			
I hereby state that I have reviewed and amendment referred to above.	understand the contents of the a	above identified specification, including the claims, as	s amended by any	′
I acknowledge the duty to disclose all Code of Federal Regulations, §1.56.	information which is known to r	me to be material to the patentability of this application	n as defined in T	itle 37,
	have also identified below any for	ode, §119 of any foreign and/or provisional application oreign and/or provisional application for patent or inv		
PRIOR APPLICATION(S)			Priority	claimed
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
35, United States Code, §112, I acknow	wledge the duty to disclose mate	nited States application in the manner provided by the erral information as defined in Title 37, Code of Feder national or PCT international filing date of this appli	ral Regulations, §	1.56(a)
(Application Serial Number)	(Filing Date)	(Status) (patented, pend	ing, abandoned)	-
Trademark Office connected terewith Manny W. Schecter, Registration No. Edward A. Pennington, Registration N. M. Ludwin, Registration No. 33,010, Underweiser, Registration No. 46,134 Registration No. 41,500, Louis J. Perc 32,053, David M. Shoft, Registration	as follows: 31,722, Lauren C. Bruzzone, Re io. 32,588, John E. Hoel, Registo Douglas W. Cameron, Registrati, Wayne L. Ellenbogen, Registra ello, Registration No. 33,206, Pa No. 39,835 and Marc A. Ehrlich	gent(s) to prosecute this application and transact all be egistration No. 35,082, Christopher A. Hughes, Registration No. 26,279, Joseph C. Redmond, Jr., Registration No. 31,596, Stephen C. Kaufman, Registration No. 11,596, Robert M. Trepp, Registration No. 2,411, Daniel P. M., Registration No. 37,411, Daniel P. M., Registration No. 39,966.	tration No. 26,914 on No. 18,753, R o. 29,551, Marian 25,933, Louis P. F	4, ichard Herzberg
•	de counsel attorney de counsel attorney			
be true; and further that these statemen	nts were made with the knowled 1001 of Title 18 of the United S	e are true and that all statements made on information ge that willful false statements and the like so made a tates Code and that such willful false statements may	re punishable by	fine or
Full name of sole or first Inventor Steve Abbott		Full name of joint Inventor, if any <u>William E. Dickey</u>	····	_
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Date	Date	
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Inventor Larry M. Leibovich	Inventor, if any Kevin P. O'Connor	
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Date	Date	
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337021 0.0016	12330, 0.07.1	
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Inventor, if any Joseph V. Stehle	Inventor, if any Pitipong Veerakamolmal	
Seventh Inventor's signature	Eighth Inventor's signature	
Date	Date	
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Inventor, if any Ronald A. Warfel	Inventor, if any	
	Hivehol, it ally	
Ninth Inventor's signature Romall A. Whish	Tenth Inventor's signature	
Date 1-22-2001	Date	
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TIC A		